BRUHATH BANGALORE MAHANAGARA PALIKE

Executive Engineer,Project Division,B.B.M.P.,Bangalore-92

APPROVED SCHEDULE-B

Name of work:-Improvements to park at Bhuvaneshwari nagara MCECHS Layout MS Ramaiah north city and Shabarinagara ward no 6.

SL.NO	Descriptions Of Items	UNIT	Approved Qty	Approved Tender Rates Of KRIDL	
				Rate in figures	Rate in Words
1	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. P.NO.25 I.NO.5.30	nos	1932 962.00 A/C	331.78	Rupees Three Hundred Thirty one and Paise Seventy Eight Only
2	KSRB 14.6-1: Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS P.NO.101.I.NO.14.7	sqm	1688.54 1177.58 A/C	1028.20	Rupees one thousand twenty eight and Paise Twenty Only
3	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 P.NO.5.I.NO.2.1	cum	191.66	166.42	Rupees one hundred sixty six and Paise fourty two Only
4	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 P.NO.5.I.NO.2.4	cum	10.60	299.98	Rupees two hundred ninety nine and Paise ninety eight Only
5	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 15kms	cum	202.25	139.92	Rupees one Hundred Thirty nine and Paise ninety two Only
6	Providing and laying in position plain cement cement concrete of mix M10 with OPC cement @220 kgs , with 40mm and down size graded granite metal coasre aggregate @ 0.85 cum ans fine aggregate @ 0.465cum , machine mixed , concrete laid in layers not exceeding 15cms thick ,well compacted ,in foundation and plinth , including cost of all materials , labour , HOM of machinery , curing complete as per specification . specification No P.NO.12 I.NO.4.2 (1:3:6)	cum	28.26	5348.76	Rupees five thousand three hundred fourty eight and Paise Seventy six Only
7	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 P.NO.23.I.NO.5.6	cum	33.30	4438.22	Rupees four thousand four hundred thirty eight and Paise twenty two Only

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8	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 P.NO.23.I.NO.5.9	cum	17.32	5305.30	Rupees five thousand three hundred five and Paise thirty Only
9	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 P.NO.12.I.NO.4.6	cum	21.99	5767.46	Rupees five thousand senven Hundred sixty seven and Paise fourty six Only
10	KSRB 15.1.3 :Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.[P.No-112 , I.No-15.3]	smt	83.25	103.88	Rupees one Hundred three and Paise eighty eight Only
11	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in -charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) P.NO.262.I.NO.37.2	m	144.00	868.14	Rupees eight Hundred sixty eight and Paise fourteen Only
12	Providing and fixing M.S.Block pipe of 38mm dia ,of heavy gauge of 14 including removing the bends , cutting the pipe and fixing pipe in between two vertical poles (M.S.rectangular poles) and spot welding the chain link with M.S Block pipe including cost of all materials wastage in cutting , and scaffolding whereever neccessary with all lead and lift as directed by the engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint .P.NO.262 I.NO.37.4	m	698.97 388.50 AE	343.44	Rupees Three Hundred fourty three and Paise fourty four Only
13	Providing chain link fencing 50mm size of 8 gauge properly stretched between rectangular poles and fixed with suitable bolts and nuts , the free end shall be welded to the pole and block pipe at top and bottom as required including cost of materials, labour lead and lift and as per directions of the engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint.P.NO.262.I.NO.37.3	sqm	444.00 305.25 AE	698.54	Rupees six Hundred ninety eight and Paise fifty four Only
14	Fabricating ,Providing and eracting in position Hot dip galvanized Gate . Using 72x72x4.8mm square GI pipe frame with top pipe bending in heavy duty hydralic press with sand packing and hot bending to from double arch as per drawing profile ,20mm hot dip galvanized square rods for verticals at 150cmc/c as shown in the drawing including providing hot dip galvanized forged ornamental design in b.n square rods and heads at top ,middle, and bottom .intermediate supports at 75x12mm and 50x6mm arch bent to hot dip galvanized flats .the work is inclusive of throughing GI flate GI sq.rods ,placing ,welding all the joints including grinding ,finishing metal patty ,painting two coats enamal painting .the rate is inclusive of all materials like GI sq.pipe ,GI sq.rods GI forged designs etc.,heavy duty Hinges are made out of 75mm solid sq,block assembled with 20mm dia bearing in three places for each flop. Heavy duty locking arrangment at two places including cost of labour ,paint, eracting charges using hoist pully cranes with all lead and lift loading transpoting unloading ,scaffolding charges and all other incidental charges for successful completion of the work as per directions of the engineer -in- charge of the work.(DATA APPROVED RATE)	sqm	15.80	12475.00	Rupees twelve thousand four Hundred seventy five Only

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	Executive Bench- Made out of Sadarahalli Grey stone with Hand supports with 3 line finishing with arch design with 100mm slabs .Height 90xLength 150 width 45cms (Data appoved rate)	nos	20.00	18200.00	Rupees eighteen thousand two Hundred Only
16	Supplying and fixing Dust bins (data approved rate)	nos	4.00	4800.00	Rupees four thousand eight Hundred and paise zeroOnly
17	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 P.NO.253.I.NO34.6.6 1200 MM DIA	m	6.00	9849.52	Rupees nine thousand eight Hundred fourty nine and Paise fifty two Only
18	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS P.NO.6.I.NO.2.15	cum	1.06	2240.84	Rupees Two thousand two Hundred fourty and Paise Eighty four Only
19	Providing and laying , placing and hand packing the stone aggregates P.NO.II SL.NO.30	cum	11.01	825.00	Rupees eight Hundred twenty five Only
20	Providing RCC design mix M20 using granite metal 20mm and down size for 10 cms thick solid parapet or perforated as per design, specification and directions. (exclusive of cost of steel and fabrication charges) including necessary centring, form work and finishing smooth with CM (1:3) etc., complete.P.NO.19.I.,NO.4.56	sqm	2.88	674.16	Rupees six Hundred seventy four and Paise sixteen Only
21	KSRB 2.6 : Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications. specification. No. KBS 2.10.2 P.NO.6.I.NO.2.13	cum	6.08	2256.74	Rupees two thousand two hundred fifty six and Paise Seventy four Only
22	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. P.NO.109.I.NO.14.62	sqm	110.19	1150.10	Rupees one thousand one Hundred fifty and paise ten Only
23	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.P.NO.122.I.NO.15.80	smt	151.55	28.08	Rupees twenty eight and Paise Eight Only
24	KSRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.P.NO.122.I.NO.15.81	smt	351.75	71.28	Rupees seventy one and Paise twenty Eight Only
25	KSRB 15-18.2: Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.P.NO.121.I.NO.15.74	sqm	1110.00	88.56	Rupees eighty eight and Paise fifty six Only

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26	TSI-1139A-the AIR WALKER is made out of 100mm NB MS pipe .the substructure consist of 40mm NBMS pipes and heavy duty bushes pivoted to 1end and moveable up down in other the foot step is made up pressed steel metal of heavy gauge it provides to side-by-side exercisr position whichg deliver cardiovascular vacular benifits by simulating the running motion although with straighter legs and no impact .the exercise completly the invoids the impact stress runners often experience on feet ,knees,hips and lower back .many people can not tolerate the jarring motion of joggimg walking is a good alternative ,but it does not streach are fully active the importent muscule in the upper thigh the air walker improves both cardio vascular fitness and flexibility exercise level can be up 5to 15 minuts duration (Data approved Rate)	nos	1.00	155000.00	Rupees one lakh fifty five thousand and Paise zero Only
27	TSI-1140A-the AIR WALKER is made out of 100mm NB MS pipe .the substructure consist of 40mm NBMS pipes and heavy duty bushes pivoted to 1end and moveable in lateral motion the sheet is made up of pressed metal of heavy gauge rin rider station involues cardio vascular benefits using a rowing motion this apparatus promotes strenghthrning the bieeps .latissmus dorsi ,and rear deltoids in the pulling motion while also developing cardio vascular fittness exercise levels can be of 5th 15minutes.(Data approved Rate)	nos	1.00	140000.00	Rupees one lakh fourty thousand and Paise zero Only
28	the SPINNERS made up of 100mm NB MS pipe .the substructure consists of 25 and 20mm NB MS pipe and heavy duty bearings and bushes provided to ensure smooth wheel rotation .they have four large rotary wheels with adjustable resistance the exescise employs the full flexibality around the shoulder and the many muscles that rise and lower the arms and provide shoulder stability work the apparatus in various directions .the spinner can be installed at a variety of heights making it perfect for all ages the above equipment is duly powder coated.(Data approved Rate)	nos	1.00	170000.00	Rupees one lakh seventy thousand and Paise zero Only

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